



3 in 1 Digital System

# Point 3D Combi 500

Cone Beam CT(CBCT) / Panoramic / Cephalometric

Extra-Oral Imaging System

Series

 Point-HALLIM  Point Implant

# Point 3D Combi 500 Series

## Specification

### Point 3D Combi 500C

- Provide the lowest radiation
- Provide the best Ceph image for Orthodontist

Device	CT		Pano	Ceph	
	F.O.V size (cm)			One-Shot	Scan
Point 3D Combi 500C	12X9	0	0	0	X
	10X9				
Point 3D Combi 500S	12X9	0	0	X	0
	10X9				
Point 3D Combi 500	12X9	0	0	X	X
	10X9				



### Point 3D Combi 500S

- The best efficient model among '3 in 1 devices'
- Pulsed tube can provide more clear image

Device	CT		Pano	Ceph	
	F.O.V size (cm)			One-Shot	Scan
Point 3D Combi 500C	12X9	0	0	0	X
	10X9				
Point 3D Combi 500S	12X9	0	0	X	0
	10X9				
Point 3D Combi 500	12X9	0	0	X	X
	10X9				



### Point 3D Combi 500

- The best efficient model among '2 in 1 devices'
- Upgradable to Cephalometric

Device	CT		Pano	Ceph	
	F.O.V size (cm)			One-Shot	Scan
Point 3D Combi 500C	12X9	0	0	0	X
	10X9				
Point 3D Combi 500S	12X9	0	0	X	0
	10X9				
Point 3D Combi 500	12X9	0	0	X	X
	10X9				



## Function

Unit Function	CBCT+Pano+Ceph	
Scan Time	CBCT	Max. 19sec
	Pano	17sec with HD mode
	One-Shot Ceph	Max. 0.8sec
	Scan Ceph	10sec with HD mode
X-Ray Source	Cone Beam	
Voxel Size	0.183mm - 0.427mm	
Patient Position	Standing / Wheel-Chair Accessible	
Tube Voltage	50~90kvp	
Tube Current	4~10mA	
Focal Spot	0.5 mm X 0.5 mm	
Data Bit	14 bit	

\* HD mode: image enhancement function

# Point 500 HD Series

## Specification

### Point 500C HD

- High resolution Pano image by SMART HD Sensor
- The lowest radiation level by 0.8sec Cephalo scanning

Device	CT Upgradable	Pano	Ceph	
			One-Shot	Scan
Point 500C HD	0	0	0	X
Point 500S HD	0	0	X	0
Point 500 HD	0	0	X	X



### Point 500S HD

- Mounted two stationary sensors for pano and ceph
- Optimal model for each image acquisition

Device	CT Upgradable	Pano	Ceph	
			One-Shot	Scan
Point 500C HD	0	0	0	X
Point 500S HD	0	0	X	0
Point 500 HD	0	0	X	X



### Point 500 HD

- Panoramic model with SMART HD Sensor
- Upgradable to 3D and Cephalometric function

Device	CT Upgradable	Pano	Ceph	
			One-Shot	Scan
Point 500C HD	0	0	0	X
Point 500S HD	0	0	X	0
Point 500 HD	0	0	X	X



## Function

Unit Function	Pano+Ceph	
Scan Time	Pano	17sec with HD mode
	One-Shot Ceph	Max. 0.8sec
	Scan Ceph	10sec with HD mode
Patient Position	Standing / Wheel-Chair Accessible	
Tube Voltage	50-90kvp	
Tube Current	4-10mA	
Focal Spot	0.5 mm X 0.5 mm	
Data Bit	14 bit	

\* HD mode: image enhancement function

## | Point 3D Combi 500 Series

### F.O.V(Field of View) Size



F.O.V(Field of View) 12x9



F.O.V(Field of View) 10x9

## RealScan- Analysis 3D Image Software

RealScan is a dental imaging Software for planning treatments in accurate ways



### Accurate and easy analysis of diagnosis/treatment plan



**3D Volume Rendering**  
Three dimensional images supports analyzing of patient's diagnosis and treatment plan.



**Automatic Bone Density Measurement**  
Bone density condition of patients is automatically measured.



**MAR(Metal Artifact Reduction)**  
Accuracy of diagnosis is enhanced by removing metal artifact and calibrating blurring of metal materials.



**DICOM 3.0**  
DICOM 3.0 guarantees the superior quality of data compatibility.



**Measurement Tools**  
Information of length, angle, bone density and anatomy is precisely measured by using three dimensional data.



**Cross-Sectional View**  
Sliced images from various angles are provided with minimum of 0.1 mm size.

## | Point 500 HD Series

### ■ Panoramic HD (High Definition) Image Quality with A.M.D. (Automatic Management Dosage) solution



Panoramic image without HD mode



Panoramic image with HD mode

### ■ Cephalometric Image



One-Shot Type(Lateral)



One-Shot Type(AP/PA)

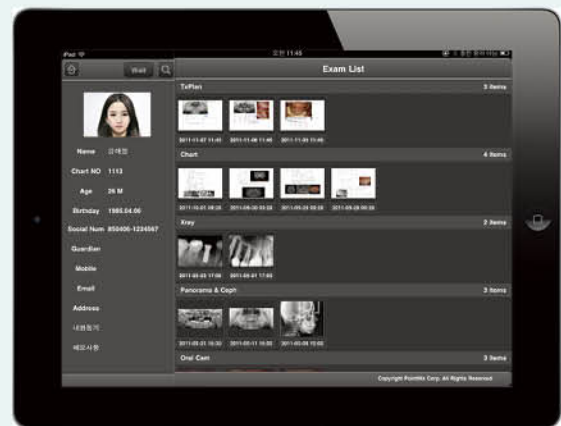


Scan Type(Lateral)

### ■ CDX-View i version (Mobile Viewer)



Samsung GALAXY Note 10.1



iPad

# Dimension

## Point 3D Combi 500 Series



Model: Point 3D Combi 500C  
Weight: 190kg



Model: Point 3D Combi 500S  
Weight: 185kg



Model: Point 3D Combi 500  
Weight: 150kg

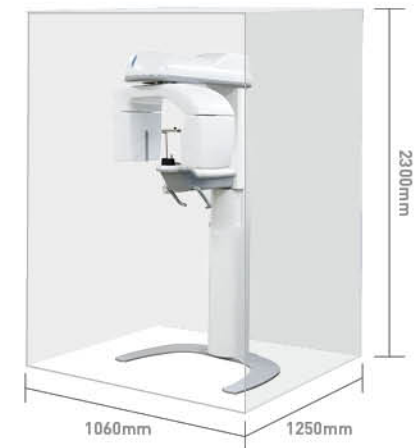
## Point 500 HD Series



Model: Point 500C HD  
Weight: 190kg



Model: Point 500S HD  
Weight: 185kg



Model: Point 500 HD  
Weight: 150kg

 **Point·HALLIM·Point Implant**

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